Electronic Acknowledgement Receipt				
EFS ID:	2464169			
Application Number:	10682133			
International Application Number:				
Confirmation Number:	1361			
Title of Invention:	Modeling and implementing complex data access operations based on lower level traditional operations			
First Named Inventor/Applicant Name:	Richard D. Dettinger			
Customer Number:	46797			
Filer:	Gero G. McClellan/Mayra Bravo			
Filer Authorized By:	Gero G. McClellan			
Attorney Docket Number:	ROC920030237US1			
Receipt Date:	13-NOV-2007			
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Application Type:	Utility under 35 USC 111(a)			

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Submitted with Payment	no
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		K30237 RFOA.pdf	107827	ves	15
ı		100207_111 OA.pdi	5edbb6dbb387bd429e55b75a3594a11 c28f517ff	, ,	13

	Multipart Description/PDF files in .zip description			
	Document Description	Start	End	
	Amendment After Final	1	1	
	Claims	2	11	
	Applicant Arguments/Remarks Made in an Amendment	12	15	
Warnings:				

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.